

18 New AGU Fellows with Ocean Science Section Affiliation



Michael McPhaden, NOAA, Pacific Marine Environmental Lab (PMEL), *“For groundbreaking contributions to the physics of tropical oceans and their role in seasonal to interannual climate variability”*.



Meinrat O. Andreae, Max Planck Institute for Chemistry, *“For his leadership role in the scientific investigation of biosphere-atmosphere interactions and Earth Science integrative research.”*



David S. Battisti, University of Washington, *“For his contributions to understanding climate variability for phenomena ranging from ENSO and the Pacific Decadal Oscillation to paleoclimate.”*



Francisco Chavez, Monterey Bay Aquarium Research Institute (MBARI), *“For advancing fundamental knowledge of the physical-biological coupling between climate, ocean physics, productivity, and fisheries”*.



Antje Boetius, Alfred Wegener Institute, Max Planck Institute for Marine Microbiology, *“For her remarkable discovery of the microbial consortia responsible for anaerobic methane oxidation and the impacts of this process on the global methane cycle”*.



Gary Egbert, Oregon State University, *“For fundamental contributions to physical oceanography and geomagnetism, spearheaded by innovative and elegant applications of inverse methods.”*



William F. Fitzgerald, University of Connecticut, *“For his pioneering research on the global biogeochemical cycling of mercury and the impact of human activities on its behavior and fate in nature.”*



W. Rockwell Geyer, Woods Hole Oceanographic Institution, *“For discoveries and intellectual leadership in the fields of estuarine and river plume fluid dynamics and sediment transport”*



Susumu Honjo, Woods Hole Oceanographic Institution, *“For his contributions to our understanding and observations of marine particle compositions and fluxes, and of the oceanic biological pump.”*



Ralph F. Keeling, Scripps Institution of Oceanography, *“For observations and modeling studies that have advanced our understanding of the ocean and land carbon cycles and their anthropogenic perturbations.”*



Lee Kump, Penn State University, *“For pioneering research on the dynamics and long-term evolution of global biogeochemical cycles and coupling to climate.”*



M. Susan Lozier, Duke University, *“For ground-braking studies challenging conventional views of deep ocean circulation and ocean productivity”*



Delia Oppo, Woods Hole Oceanographic Institution, *“For her contributions towards understanding the causes of Earth’s climate variability and its link to ocean circulation and the hydrological cycle”*



Glenn Flierl, Massachusetts Institute of Technology, *“For fundamental contributions to physical and biological oceanography with particular emphasis on the dynamics of mesoscale eddies”*



Detlef Stammer, University of Hamburg, *“For fundamental advancement in the understanding of the global ocean circulation and regional sea level variability by creative observational and modeling analysis.”*



Howard J. Spero, University of California, Davis, *“For establishing how the geochemical composition of foraminifera from deep-sea sediments can be used to elucidate past climate and ocean changes.”*



Andrew J. Weaver, University of Victoria, *“For his outstanding contributions in climate dynamics and paleoclimate, especially on the role of the global thermohaline circulation in climate.”*



Peter Hans Santschi, Texas A & M University, *“For fundamental work on characterization of colloids in aquatic systems and their role on trace metal and radionuclide cycling and transport”*